

Data Path : Z:\HPCHEM1\BNA F\DATA\BF123016\
 Data File : BF092055.D
 Acq On : 30 Dec 2016 19:45
 Operator : UM/SJ
 Sample : H6314-06
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GMW-03

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.647	46	49	59	rVB	118999	234769	3.02%	0.294%
2	4.030	165	170	174	rBV2	43482	103847	1.33%	0.130%
3	4.121	174	178	181	rVV	97391	171941	2.21%	0.215%
4	4.567	212	217	223	rBV2	40023	108889	1.40%	0.136%
5	4.818	236	239	243	rBV	737771	909075	11.68%	1.138%
6	4.944	249	250	255	rVB2	69293	109939	1.41%	0.138%
7	5.104	261	264	267	rVB2	160075	238813	3.07%	0.299%
8	5.287	277	280	282	rBV	2340558	2974290	38.22%	3.725%
9	5.436	288	293	296	rBV3	101879	248994	3.20%	0.312%
10	5.493	296	298	299	rBV	182059	247744	3.18%	0.310%
11	5.710	311	317	320	rBV3	97788	207855	2.67%	0.260%
12	5.996	340	342	344	rBV2	150776	179017	2.30%	0.224%
13	6.190	356	359	361	rBV2	115485	184555	2.37%	0.231%
14	6.236	361	363	365	rVV2	97884	146764	1.89%	0.184%
15	6.270	365	366	368	rVV	127803	166674	2.14%	0.209%
16	6.304	368	369	370	rVV	245651	333971	4.29%	0.418%
17	6.339	370	372	376	rVV2	2015747	2363992	30.38%	2.960%
18	6.453	379	382	385	rBV	5148741	5080135	65.28%	6.362%
19	6.499	385	386	388	rBV	165057	206064	2.65%	0.258%
20	6.556	388	391	394	rVB	155233	246662	3.17%	0.309%
21	6.636	396	398	400	rVB3	83472	85525	1.10%	0.107%
22	6.681	400	402	404	rBV	1416994	1474719	18.95%	1.847%
23	6.739	404	407	410	rVB2	547993	1037017	13.33%	1.299%
24	6.841	413	416	417	rBV	4749378	5564418	71.51%	6.968%
25	6.864	417	418	421	rVV2	322841	498939	6.41%	0.625%
26	6.933	421	424	426	rVV2	444477	808191	10.39%	1.012%
27	7.024	428	432	435	rVB	699713	1720080	22.10%	2.154%
28	7.082	435	437	439	rBV	176955	170755	2.19%	0.214%
29	7.150	439	443	444	rBV2	164619	204748	2.63%	0.256%
30	7.253	448	452	454	rBV	4237603	5029865	64.64%	6.299%
31	7.390	454	464	467	rVB5	1380423	6598699	84.80%	8.264%
32	7.459	467	470	471	rBV3	335975	458121	5.89%	0.574%
33	7.539	474	477	480	rBV2	273162	441950	5.68%	0.553%
34	7.596	480	482	485	rVB3	287173	311693	4.01%	0.390%

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF123016\
 Data File : BF092055.D
 Acq On : 30 Dec 2016 19:45
 Operator : UM/SJ
 Sample : H6314-06
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GMW-03

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	7.642	485	486	488 rVB	252381	232135	2.98%	0.291%
36	7.710	488	492	494 rBV2	470793	658198	8.46%	0.824%
37	7.802	496	500	502 rVB3	146125	283844	3.65%	0.355%
38	7.836	502	503	506 rBV3	60546	93649	1.20%	0.117%
39	7.916	506	510	512 rBV4	133398	281596	3.62%	0.353%
40	7.962	512	514	517 rBV	1571476	2040454	26.22%	2.555%
41	8.099	523	526	528 rBV	230198	320052	4.11%	0.401%
42	8.213	528	536	538 rVV6	261564	631889	8.12%	0.791%
43	8.259	538	540	542 rVB2	201433	229301	2.95%	0.287%
44	8.339	545	547	550 rBV3	121628	223013	2.87%	0.279%
45	8.385	550	551	552 rBV	95760	116800	1.50%	0.146%
46	8.556	563	566	570 rVB2	311443	626098	8.05%	0.784%
47	8.647	570	574	577 rBV2	339374	873231	11.22%	1.094%
48	8.739	581	582	584 rVV2	184496	341949	4.39%	0.428%
49	8.785	584	586	587 rVB	354458	453363	5.83%	0.568%
50	8.819	587	589	590 rBV2	93805	134218	1.72%	0.168%
51	8.842	590	591	595 rVB3	259244	395627	5.08%	0.495%
52	8.899	595	596	597 rBV	111959	101230	1.30%	0.127%
53	9.047	606	609	612 rVB	7054311	7781537	100.00%	9.745%
54	9.127	615	616	619 rVB3	70170	85495	1.10%	0.107%
55	9.207	621	623	625 rBV2	162183	257674	3.31%	0.323%
56	9.310	630	632	633 rVV2	159478	154677	1.99%	0.194%
57	9.356	633	636	641 rVV5	131902	320851	4.12%	0.402%
58	9.447	641	644	645 rVV	217482	213171	2.74%	0.267%
59	9.482	645	647	649 rVV3	120205	146652	1.88%	0.184%
60	9.562	652	654	655 rVV2	69848	91667	1.18%	0.115%
61	9.607	657	658	659 rVV	200259	150106	1.93%	0.188%
62	9.665	659	663	665 rVV4	81806	198681	2.55%	0.249%
63	9.722	665	668	670 rVB	1930492	2539305	32.63%	3.180%
64	9.928	684	686	689 rVV2	94877	157299	2.02%	0.197%
65	9.973	689	690	692 rVV	86175	86803	1.12%	0.109%
66	10.065	695	698	703 rBV4	55476	201174	2.59%	0.252%
67	10.145	703	705	710 rVV4	148852	357243	4.59%	0.447%
68	10.248	712	714	715 rVB	269324	259362	3.33%	0.325%
69	10.510	734	737	739 rBV	4509115	4985211	64.06%	6.243%
70	10.636	746	748	752 rVB3	157259	290144	3.73%	0.363%
71	10.762	758	759	762 rVB	67944	79386	1.02%	0.099%

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF123016\
 Data File : BF092055.D
 Acq On : 30 Dec 2016 19:45
 Operator : UM/SJ
 Sample : H6314-06
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GMW-03

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON Filtering: 5
 Sampling : 1 Min Area: 3 % of largest Peak
 Start Thrs: 0.2 Max Peaks: 100
 Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	10.830	762	765	767	rVV2	50178	87952	1.13%	0.110%
73	10.876	767	769	771	rVB3	62674	89055	1.14%	0.112%
74	11.082	784	787	788	rBV2	113076	133065	1.71%	0.167%
75	11.196	794	797	799	rBV	2589245	2346567	30.16%	2.939%
76	11.379	810	813	815	rBV	152868	175354	2.25%	0.220%
77	11.436	815	818	822	rVB2	176010	220979	2.84%	0.277%
78	11.745	842	845	849	rBV2	712618	806603	10.37%	1.010%
79	12.442	903	906	911	rBV6	31227	105731	1.36%	0.132%
80	12.522	911	913	916	rBV	356516	464558	5.97%	0.582%
81	12.785	933	936	939	rBV	5949905	6339103	81.46%	7.938%
82	13.356	984	986	988	rVB	368551	351623	4.52%	0.440%
83	13.688	1012	1015	1020	rBV	237113	319456	4.11%	0.400%
84	13.825	1024	1027	1030	rBV	1810140	1670545	21.47%	2.092%
85	15.208	1145	1148	1151	rBV	1209225	1480520	19.03%	1.854%

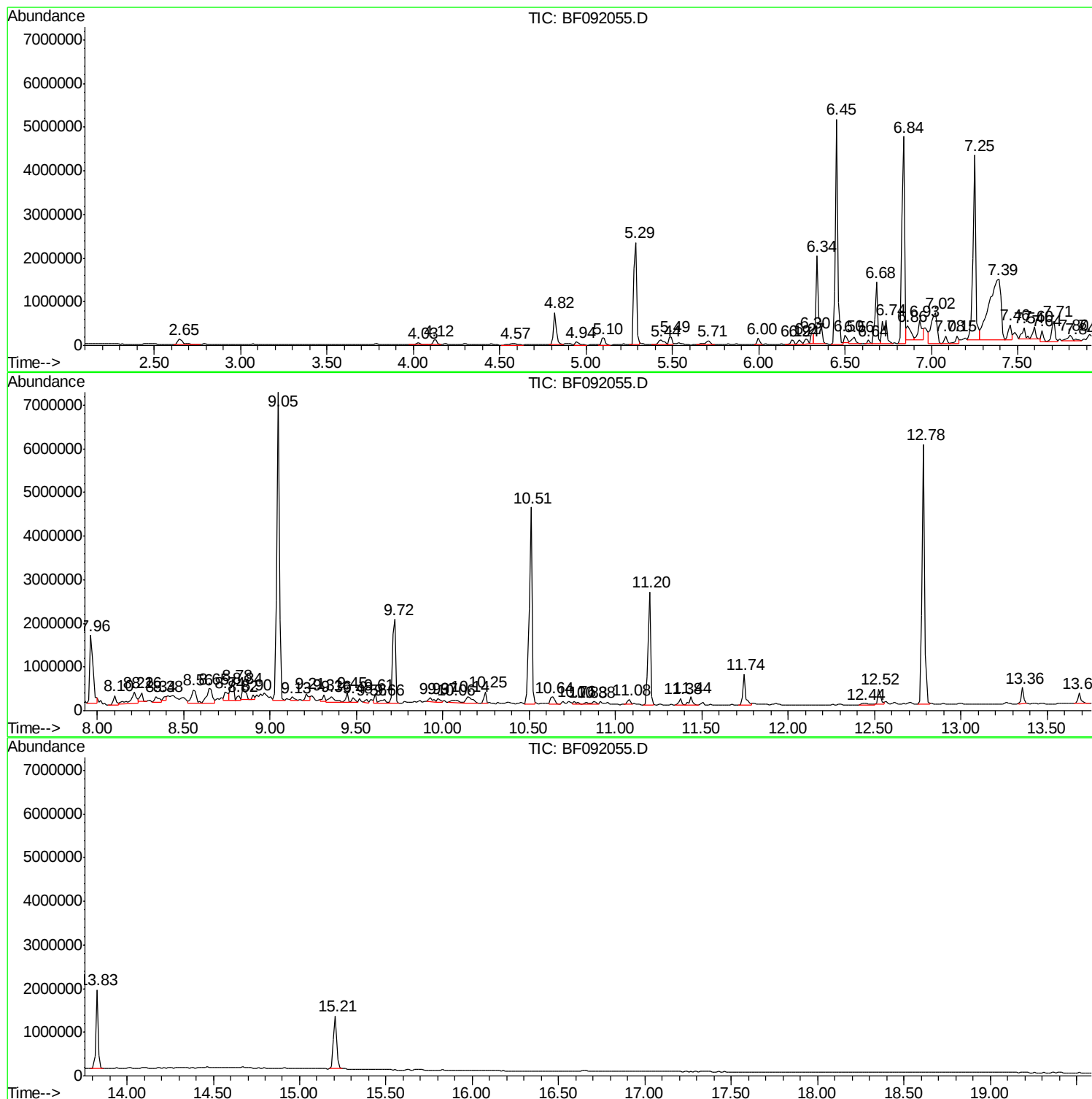
Sum of corrected areas: 79852906

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF123016\
Data File : BF092055.D
Acq On : 30 Dec 2016 19:45
Operator : UM/SJ
Sample : H6314-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GMW-03

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF123016\
Data File : BF092055.D
Acq On : 30 Dec 2016 19:45
Operator : UM/SJ
Sample : H6314-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GMW-03

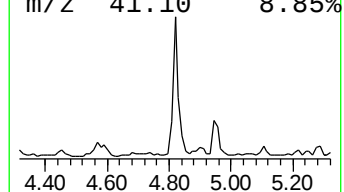
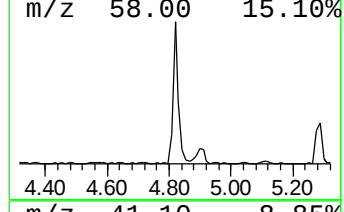
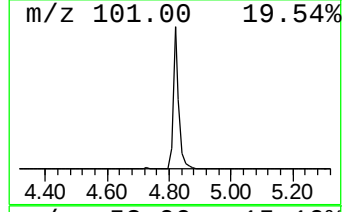
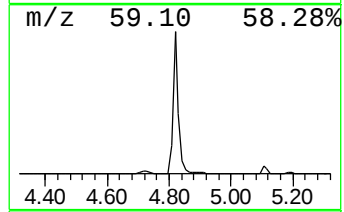
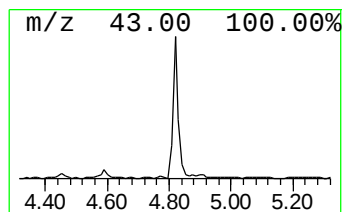
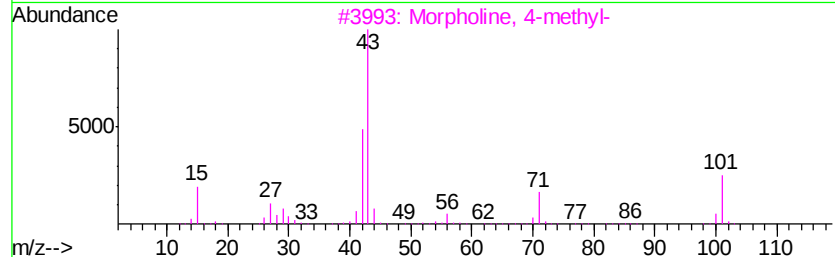
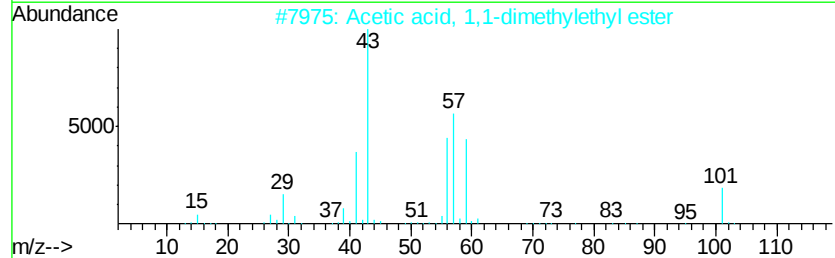
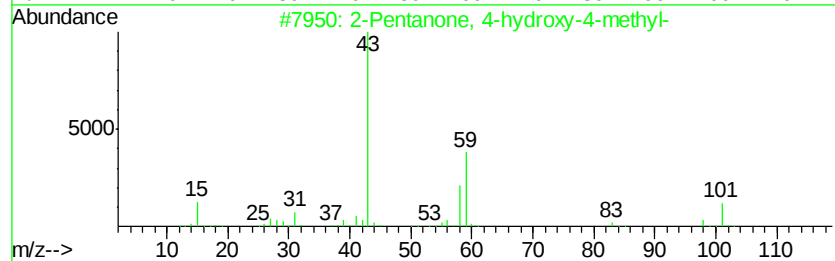
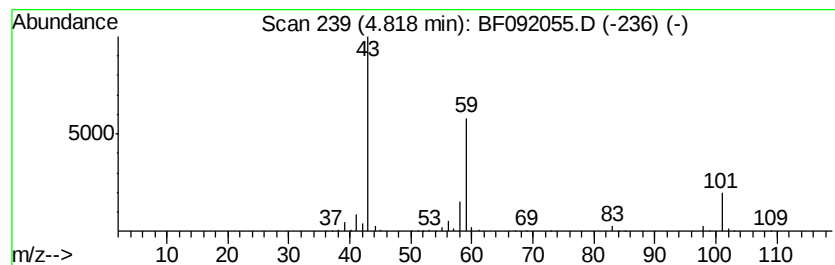
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.82	12.33 ng	909075	1,4-Dichlorobenzene-d4	6.68

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2		Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3		Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4		Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
5		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF123016\
Data File : BF092055.D
Acq On : 30 Dec 2016 19:45
Operator : UM/SJ
Sample : H6314-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GMW-03

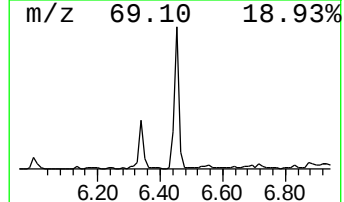
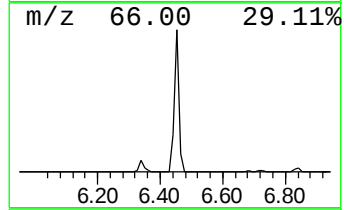
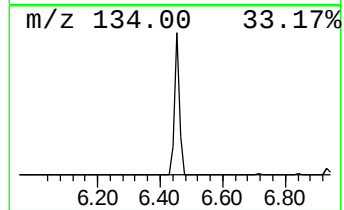
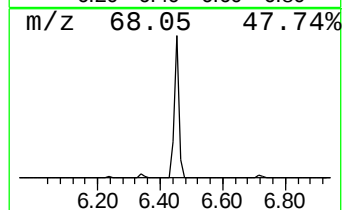
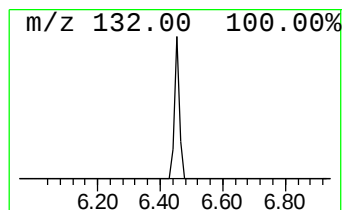
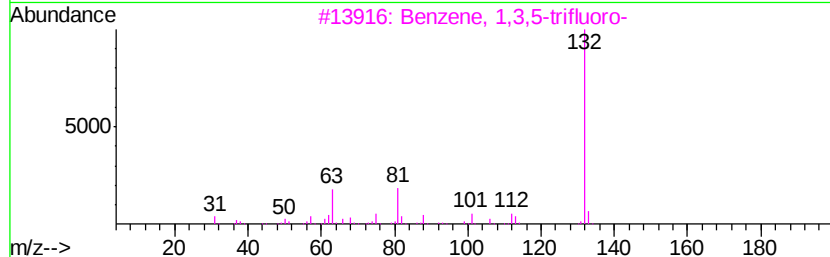
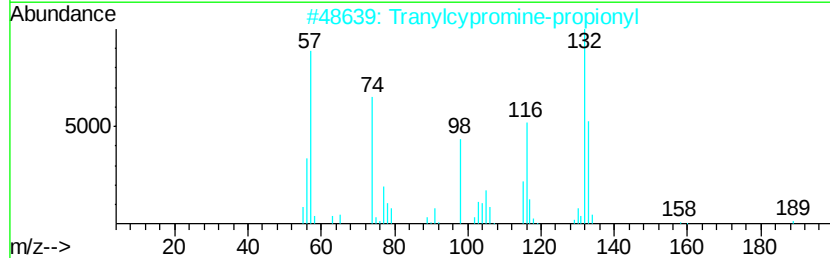
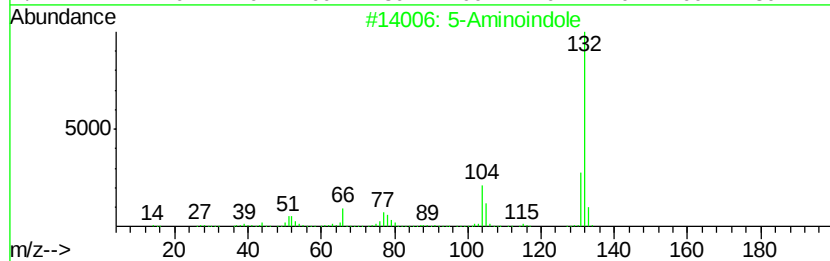
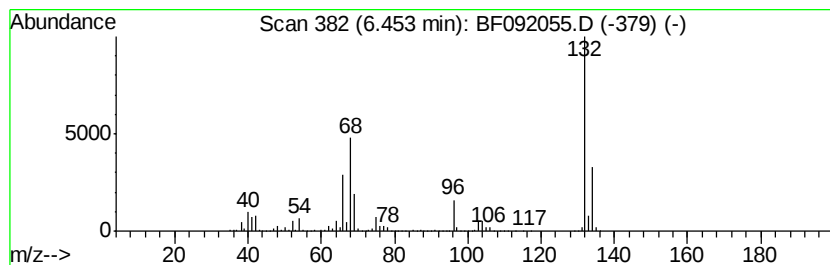
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.45 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.45	68.90 ng	5080140	1,4-Dichlorobenzene-d4	6.68

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			5-Aminoindole	132	C8H8N2	005192-03-0	12
2			Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3			Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
4			Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5			Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9



Data Path : Z:\HPCHEM1\BNA F\DATA\BF123016\
Data File : BF092055.D
Acq On : 30 Dec 2016 19:45
Operator : UM/SJ
Sample : H6314-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GMW-03

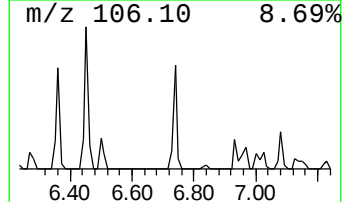
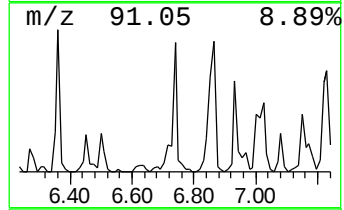
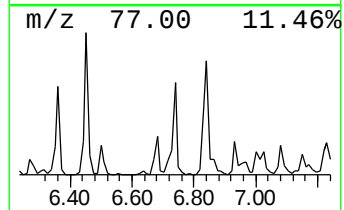
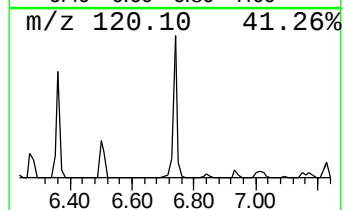
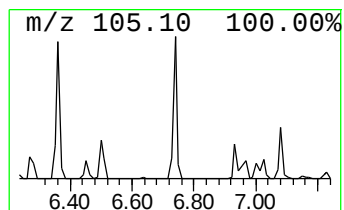
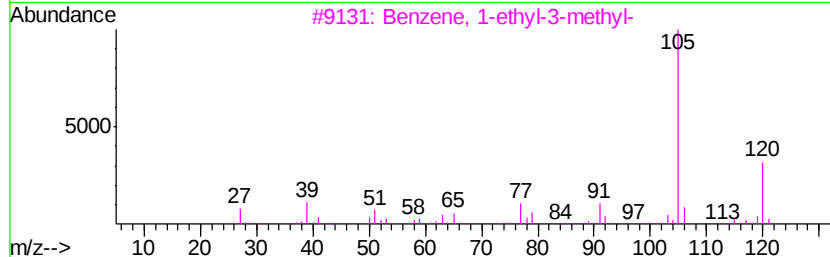
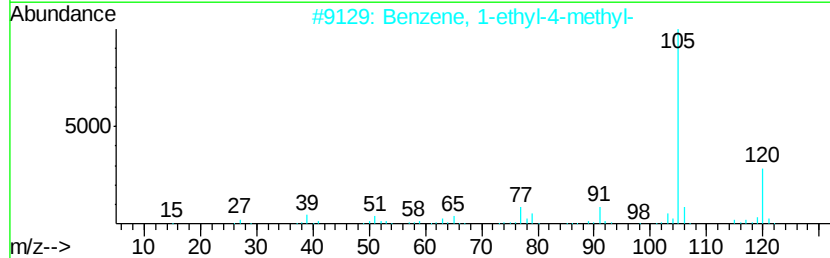
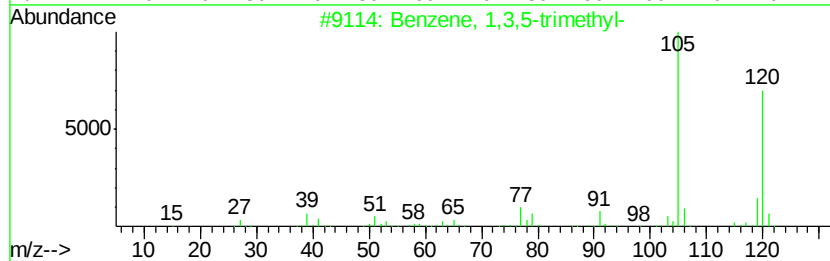
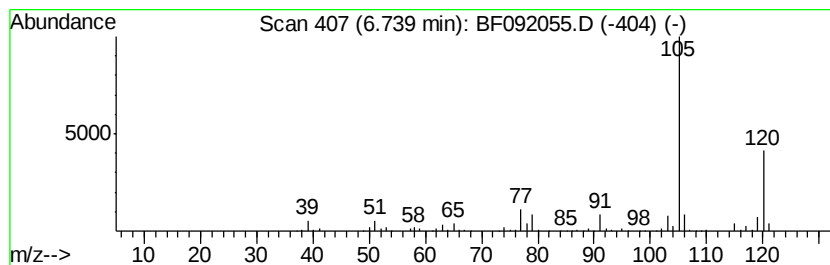
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzene, 1,3,5-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.74	14.06 ng	1037020	1,4-Dichlorobenzene-d4	6.68

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91
2		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
3		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90
5		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	87



Data Path : Z:\HPCHEM1\BNA F\DATA\BF123016\
Data File : BF092055.D
Acq On : 30 Dec 2016 19:45
Operator : UM/SJ
Sample : H6314-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GMW-03

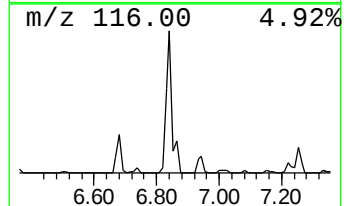
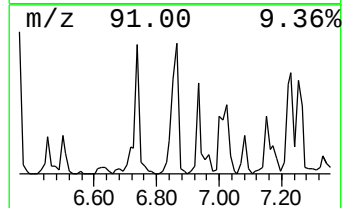
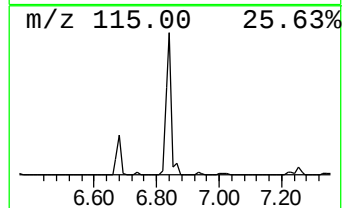
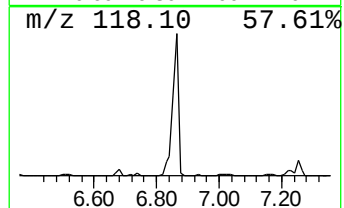
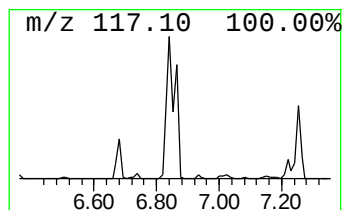
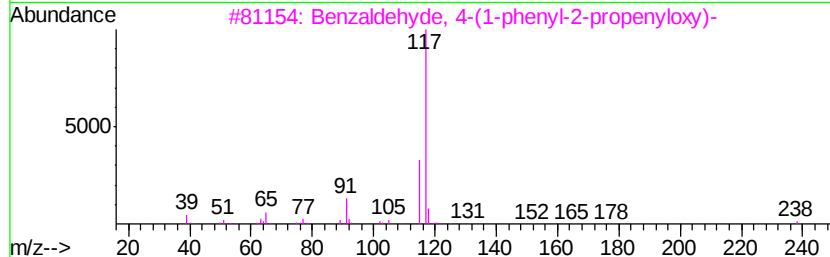
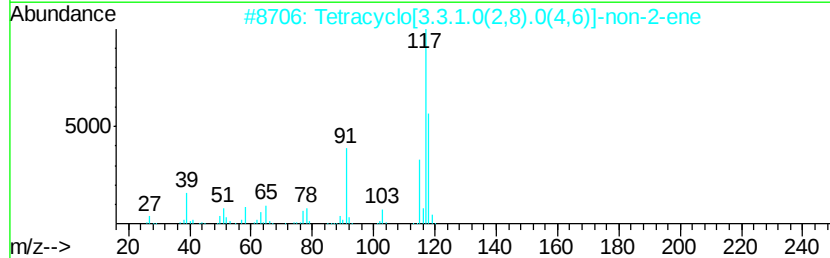
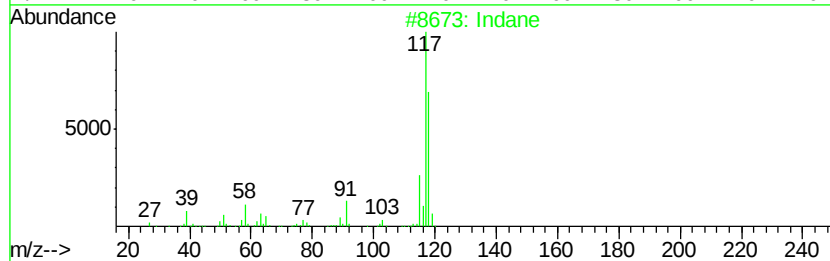
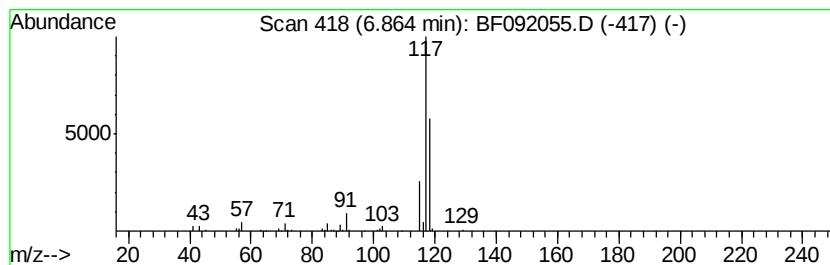
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Indane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.86	6.77 ng	498939	1,4-Dichlorobenzene-d4	6.68

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane		118	C9H10	000496-11-7	50
2	Tetracyclo[3.3.1.0(2,8).0(4,6)]-	...	118	C9H10	1000191-13-7	38
3	Benzaldehyde, 4-(1-phenyl-2-propenyl)-		238	C16H14O2	1000277-56-1	36
4	Benzene, 1-ethenyl-3-methyl-		118	C9H10	000100-80-1	9
5	Benzene, cyclopropyl-		118	C9H10	000873-49-4	9



Data Path : Z:\HPCHEM1\BNA F\DATA\BF123016\
Data File : BF092055.D
Acq On : 30 Dec 2016 19:45
Operator : UM/SJ
Sample : H6314-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GMW-03

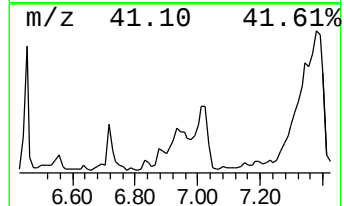
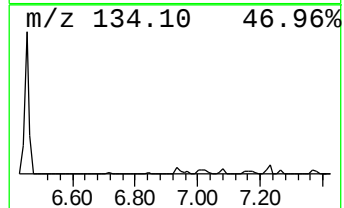
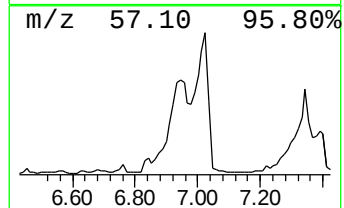
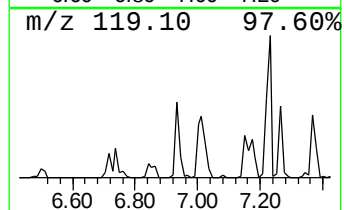
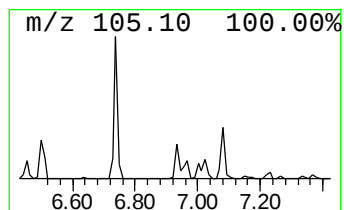
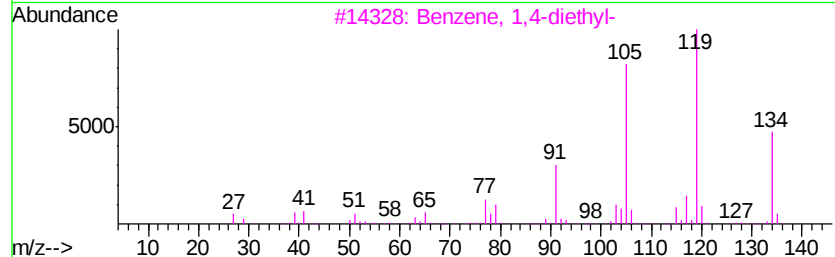
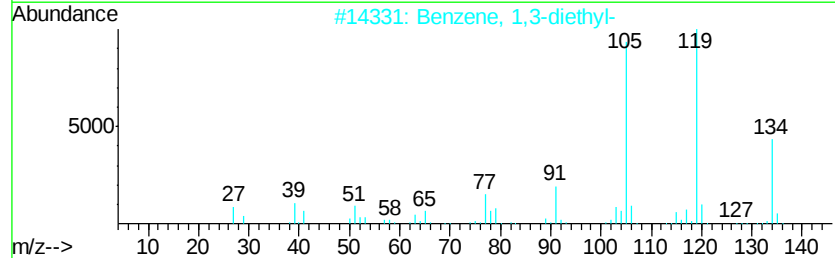
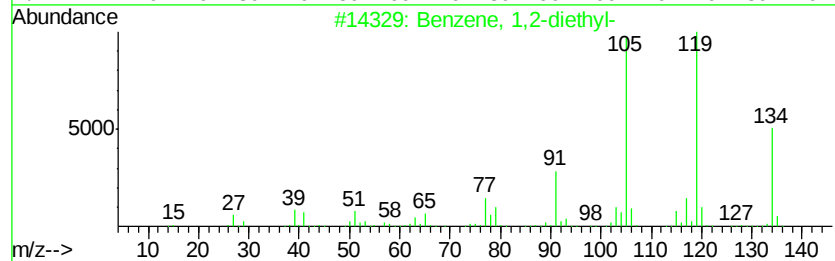
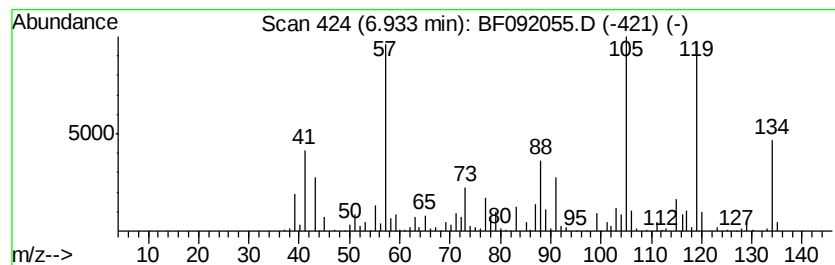
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Benzene, 1,2-diethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.93	10.96 ng	808191	1,4-Dichlorobenzene-d4	6.68

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	94
2		Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	93
3		Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	86
4		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	64
5		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	62



Data Path : Z:\HPCHEM1\BNA F\DATA\BF123016\
Data File : BF092055.D
Acq On : 30 Dec 2016 19:45
Operator : UM/SJ
Sample : H6314-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
GMW-03

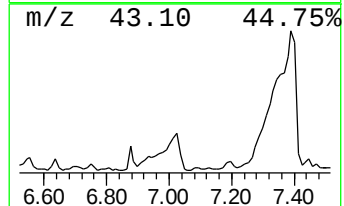
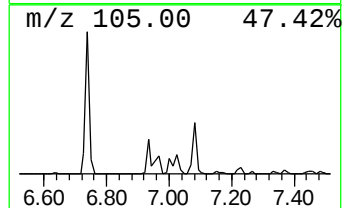
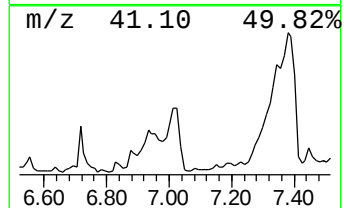
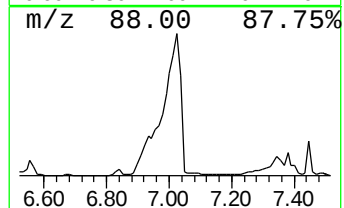
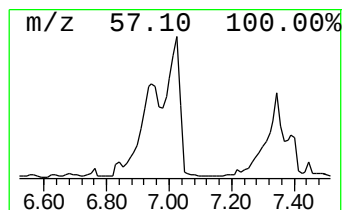
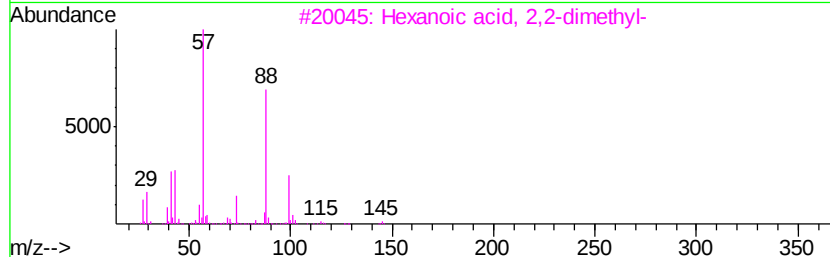
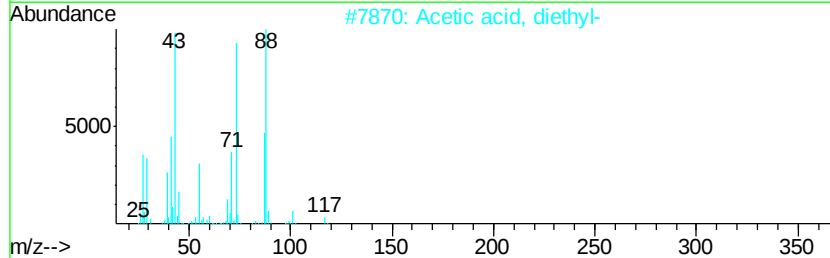
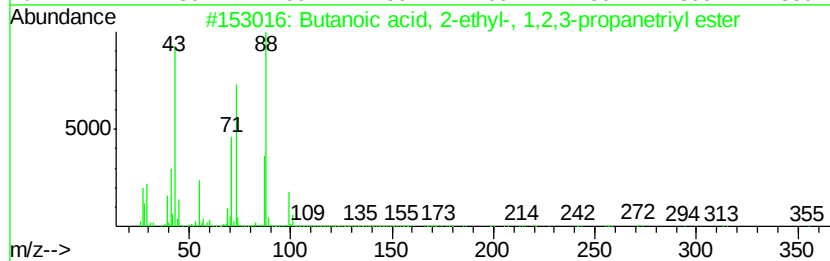
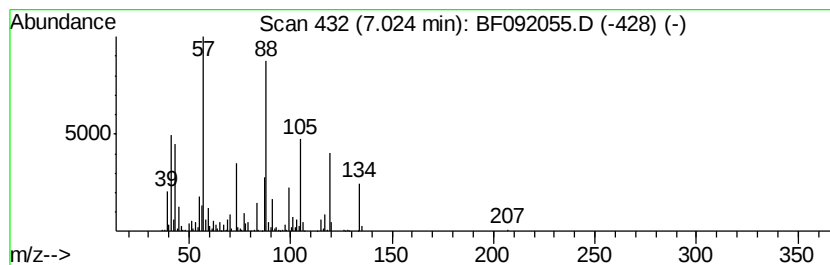
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 unknown7.02 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.02	23.33 ng	1720080	1,4-Dichlorobenzene-d4	6.68

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butanoic acid, 2-ethyl-, 1,2,3-p...	386	C21H38O6	056554-54-2	47
2		Acetic acid, diethyl-	116	C6H12O2	000088-09-5	38
3		Hexanoic acid, 2,2-dimethyl-	144	C8H16O2	000813-72-9	38
4		Hexanoic acid, 2,4-dimethyl-, me...	158	C9H18O2	014251-44-6	37
5		Carbamic acid, [2-[(cyanomethyl)...]	227	C10H17N3O3	109923-97-9	25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF123016\
Data File : BF092055.D
Acq On : 30 Dec 2016 19:45
Operator : UM/SJ
Sample : H6314-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
GMW-03

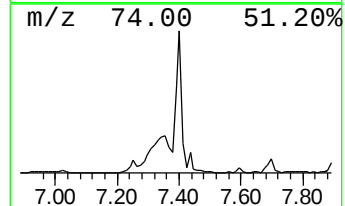
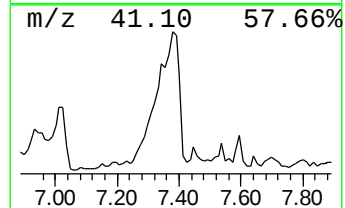
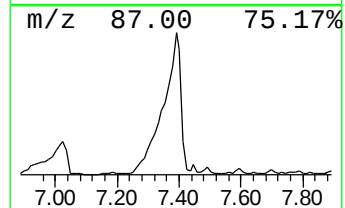
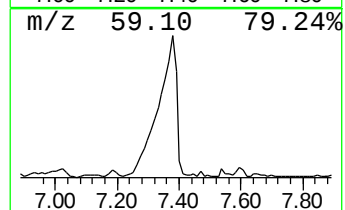
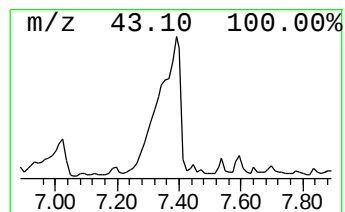
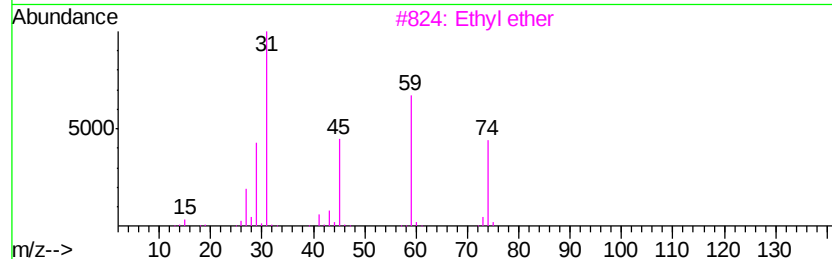
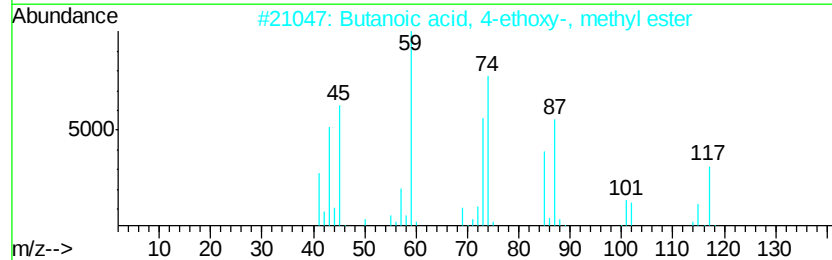
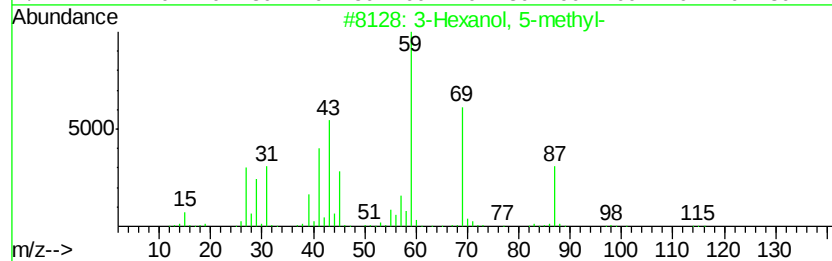
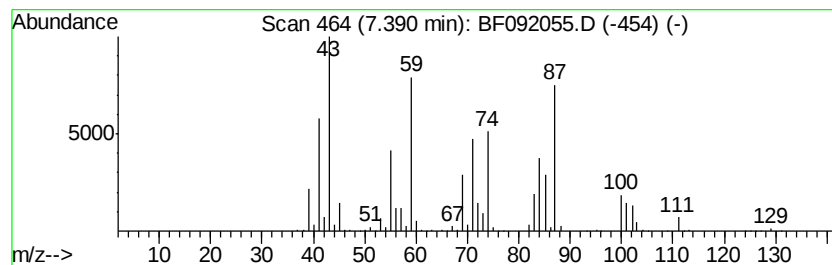
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 unknown7.39 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.39	64.68 ng	6598700	Napthalene-d8	7.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Hexanol, 5-methyl-	116	C7H16O	000623-55-2	38
2		Butanoic acid, 4-ethoxy-, methyl...	146	C7H14O3	029006-04-0	25
3		Ethyl ether	74	C4H10O	000060-29-7	22
4		Acetaldehyde N-formyl-N-methylhy...	100	C4H8N2O	016568-02-8	22
5		Butanoic acid, 2-formyl-2-methyl...	158	C8H14O3	1000197-63-2	16



Data Path : Z:\HPCHEM1\BNA F\DATA\BF123016\
Data File : BF092055.D
Acq On : 30 Dec 2016 19:45
Operator : UM/SJ
Sample : H6314-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GMW-03

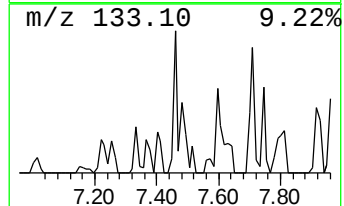
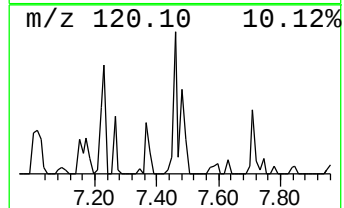
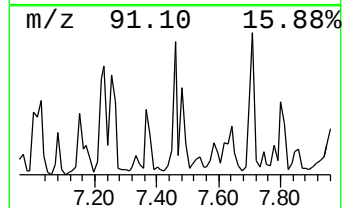
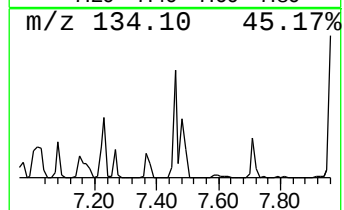
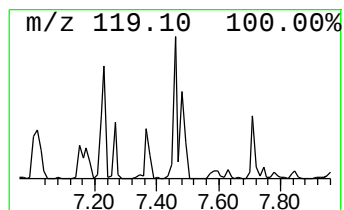
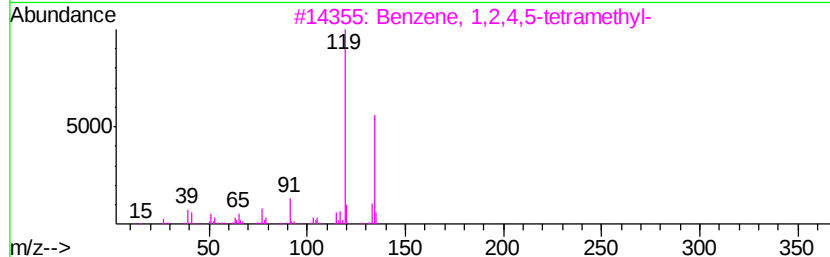
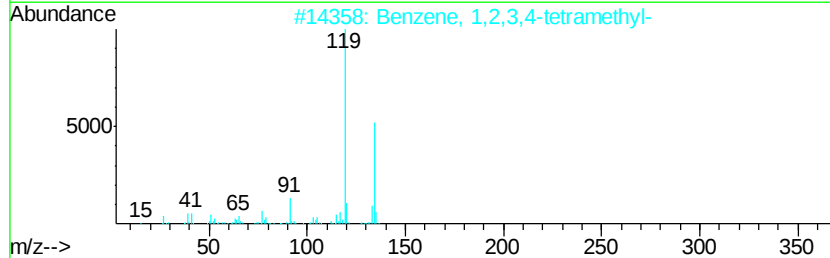
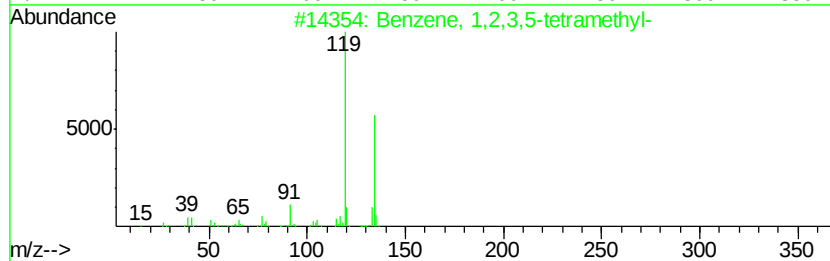
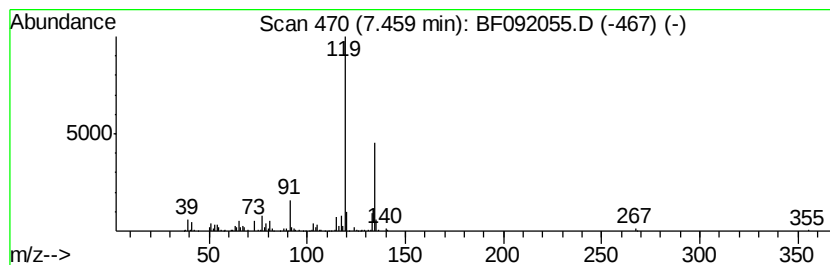
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.46	4.49 ng	458121	Naphthalene-d8	7.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	97
2		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
3		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
4		Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	93
5		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	93



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF123016\
Data File : BF092055.D
Acq On : 30 Dec 2016 19:45
Operator : UM/SJ
Sample : H6314-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GMW-03

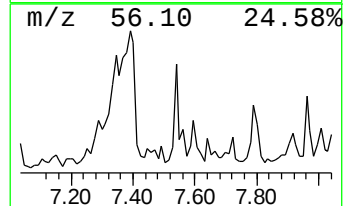
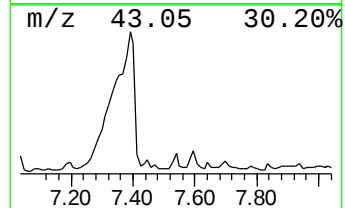
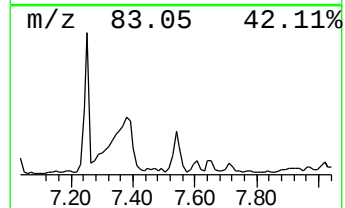
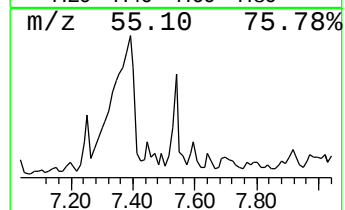
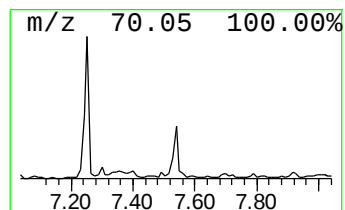
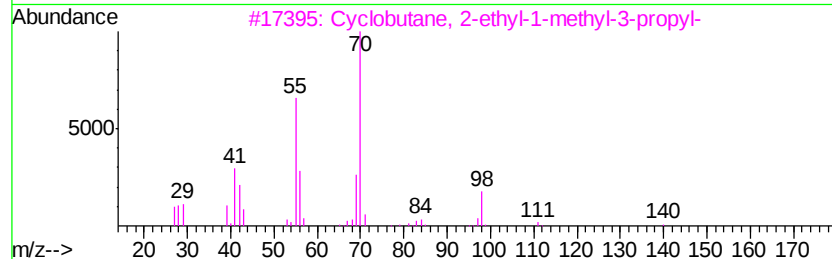
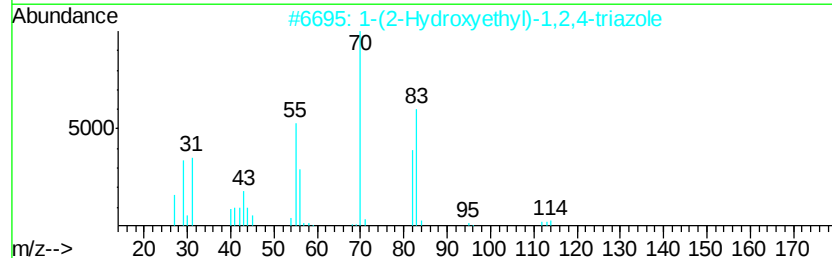
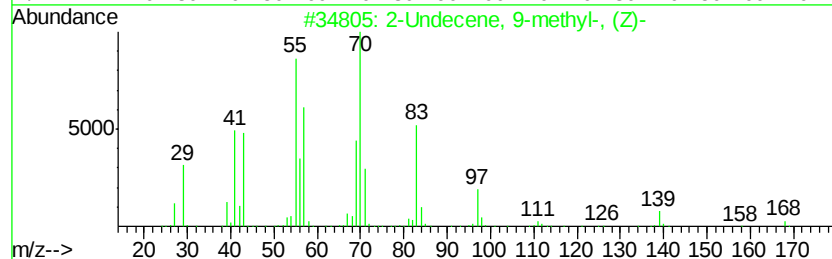
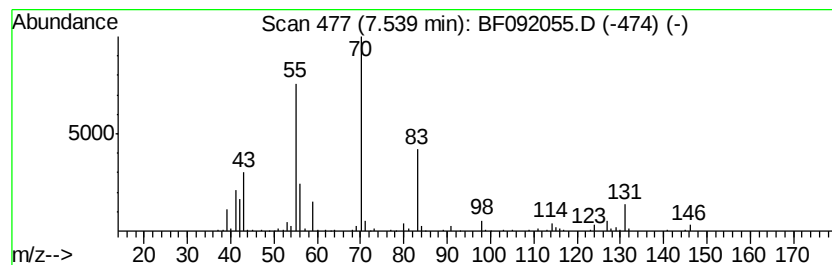
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 unknown7.54 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.54	4.33 ng	441950	Naphthalene-d8	7.96

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Undecene, 9-methyl-, (Z)-		168	C12H24		074630-45-8	39
2	1-(2-Hydroxyethyl)-1,2,4-triazole		113	C4H7N3O		003273-14-1	38
3	Cyclobutane, 2-ethyl-1-methyl-3-...		140	C10H20		061233-72-5	38
4	Heptane, 3-methylene-		112	C8H16		001632-16-2	37
5	2-Propenoic acid, 2-ethylhexyl e...		184	C11H20O2		000103-11-7	36



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF123016\
Data File : BF092055.D
Acq On : 30 Dec 2016 19:45
Operator : UM/SJ
Sample : H6314-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GMW-03

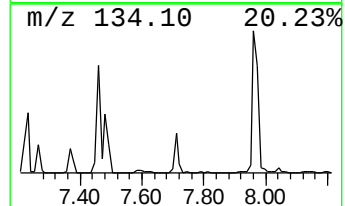
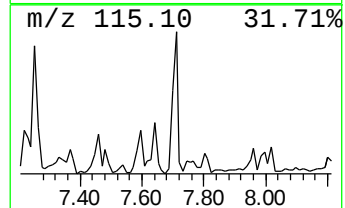
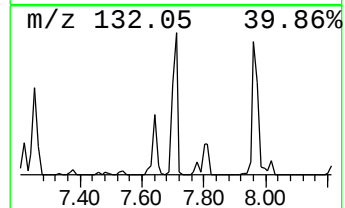
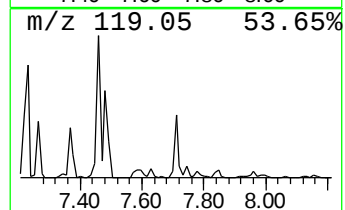
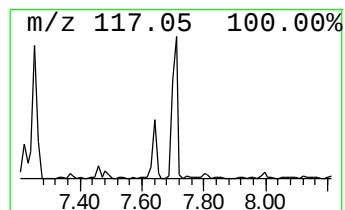
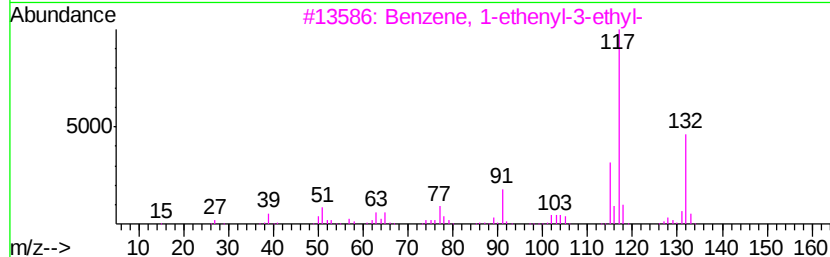
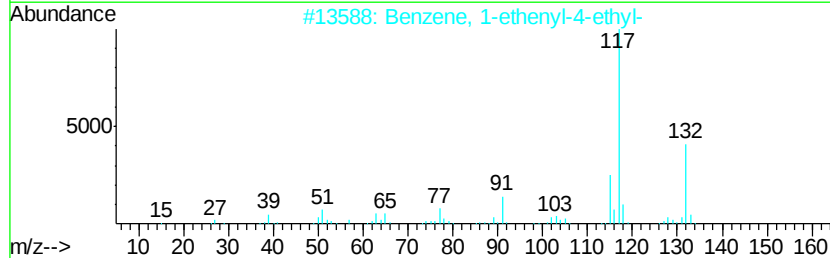
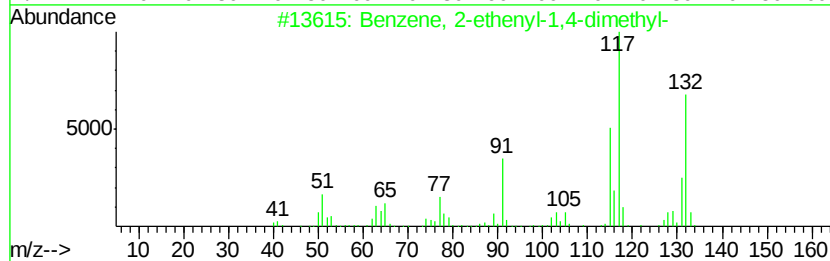
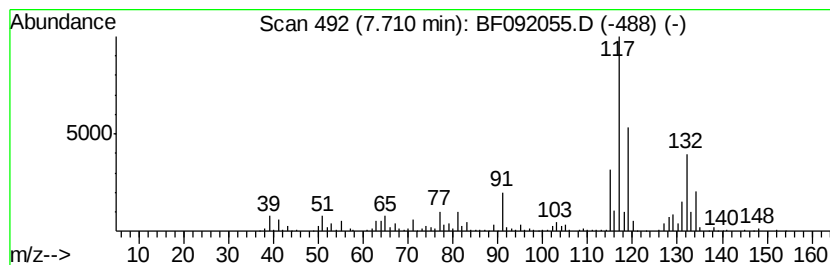
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.71	6.45 ng	658198	Naphthalene-d8	7.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	91
2		Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	70
3		Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	70
4		1-Phenyl-1-butene	132	C10H12	000824-90-8	70
5		Indan, 1-methyl-	132	C10H12	000767-58-8	62



Data Path : Z:\HPCHEM1\BNA F\DATA\BF123016\
Data File : BF092055.D
Acq On : 30 Dec 2016 19:45
Operator : UM/SJ
Sample : H6314-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GMW-03

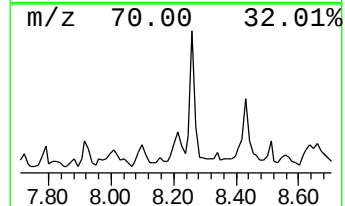
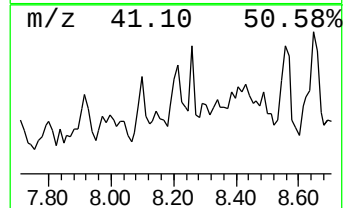
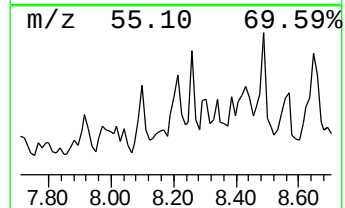
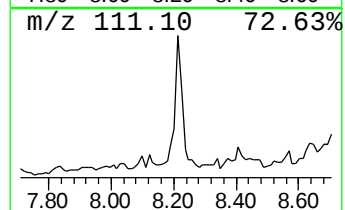
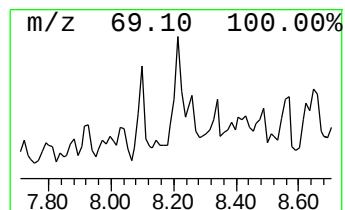
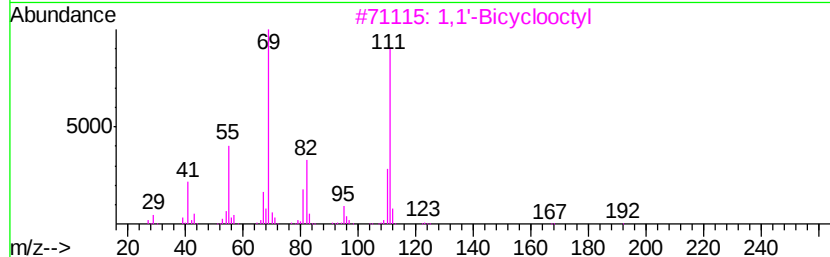
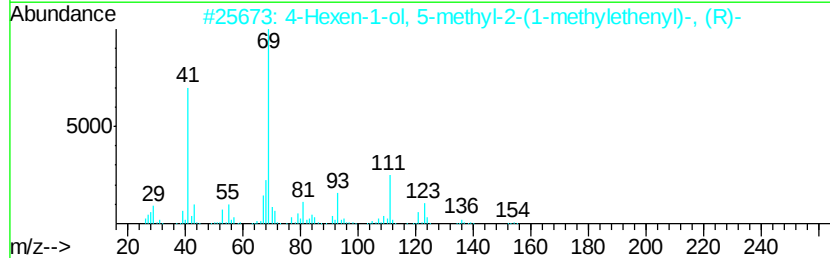
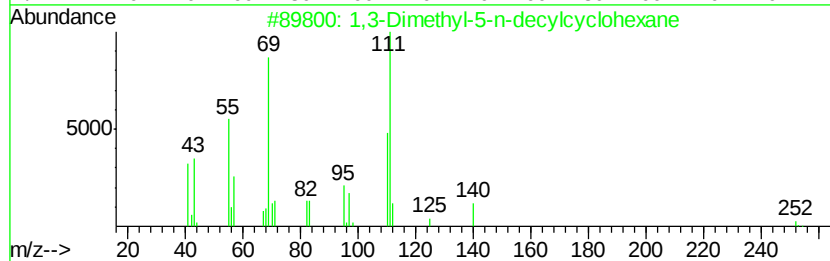
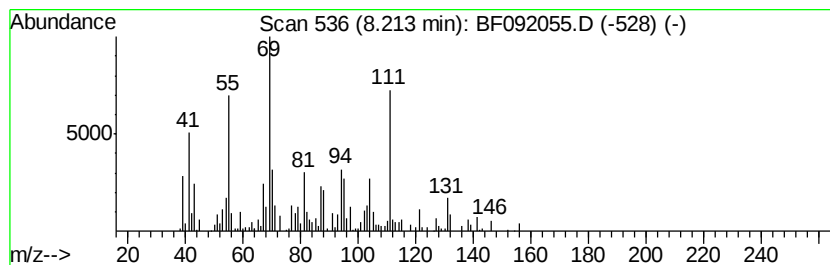
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 unknown8.21 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.21	6.19 ng	631889	Napthalene-d8	7.96

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,3-Dimethyl-5-n-decylcyclohexane	252	C18H36	086710-36-3	38
2			4-Hexen-1-ol, 5-methyl-2-(1-meth...	154	C10H18O	000498-16-8	38
3			1,1'-Bicyclooctyl	222	C16H30	006708-17-4	38
4			Cyclohexane, 1-ethyl-1,3-dimethyl...	140	C10H20	062238-31-7	38
5			Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	35



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF123016\
Data File : BF092055.D
Acq On : 30 Dec 2016 19:45
Operator : UM/SJ
Sample : H6314-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GMW-03

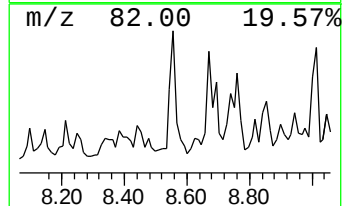
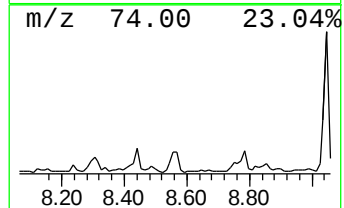
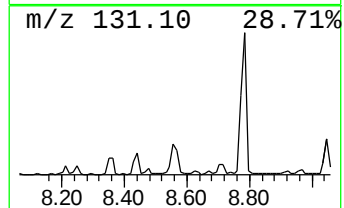
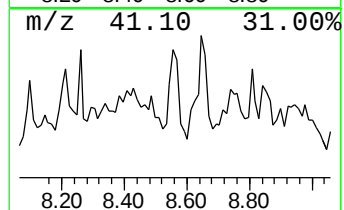
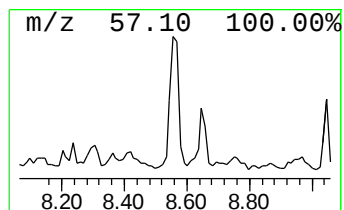
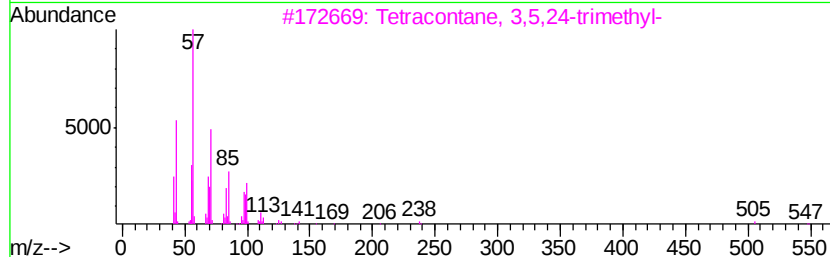
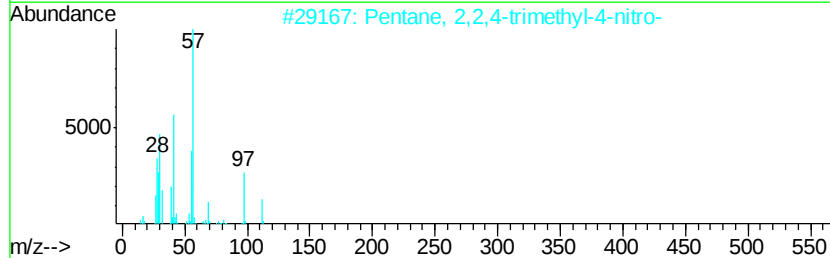
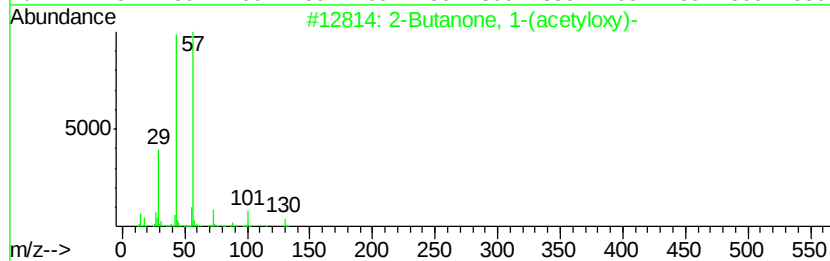
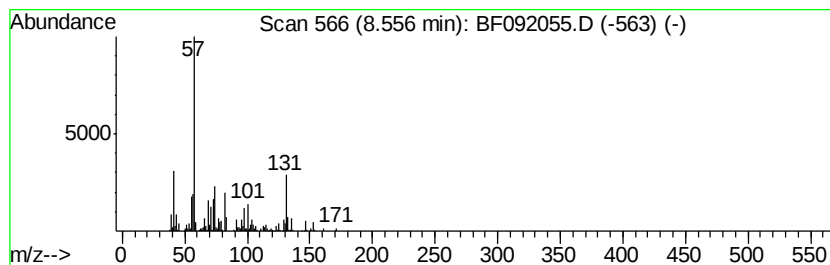
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 unknown8.56 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.56	6.14 ng	626098	Naphthalene-d8	7.96

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butanone, 1-(acetyloxy)-	130	C6H10O3	001575-57-1	12		
2	Pentane, 2,2,4-trimethyl-4-nitro-	159	C8H17NO2	005342-78-9	12		
3	Tetracontane, 3,5,24-trimethyl-	605	C43H88	055162-61-3	12		
4	Heptane, 1,1'-oxybis-	214	C14H30O	000629-64-1	12		
5	3-Heptanone, 5-methylene-	126	C8H14O	020690-70-4	11		



Data Path : Z:\HPCHEM1\BNA F\DATA\BF123016\
Data File : BF092055.D
Acq On : 30 Dec 2016 19:45
Operator : UM/SJ
Sample : H6314-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GMW-03

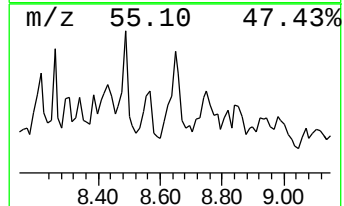
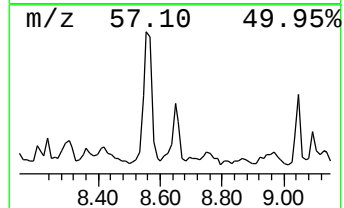
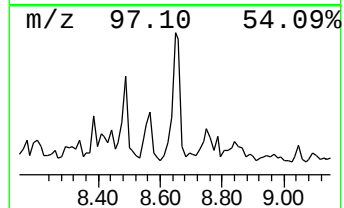
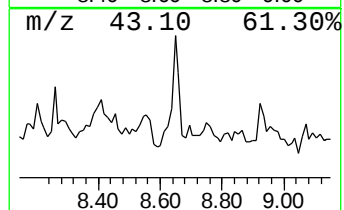
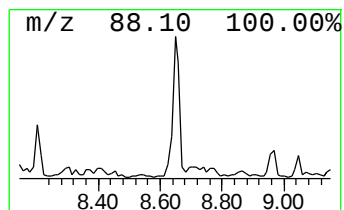
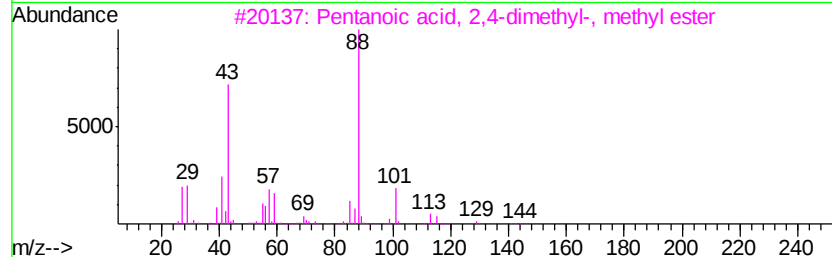
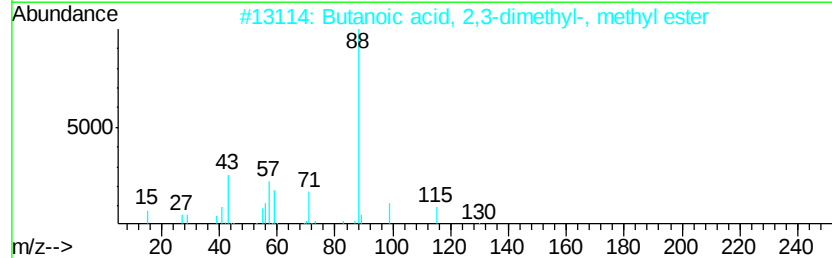
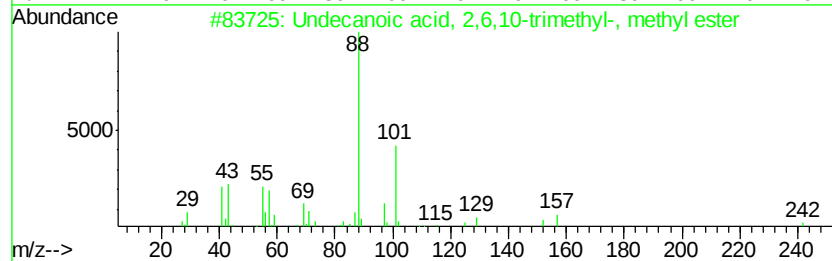
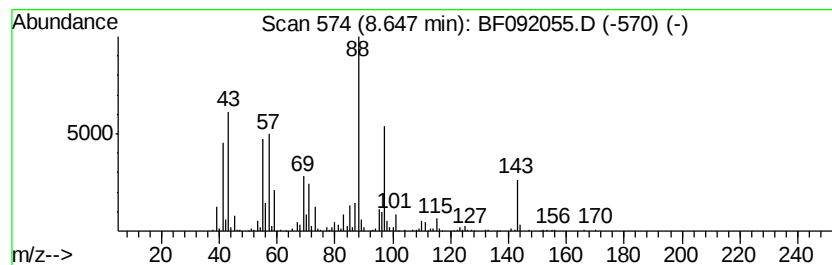
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Undecanoic acid, 2,6,10-tri... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.65	8.56 ng	873231	Naphthalene-d8	7.96

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecanoic acid, 2,6,10-trimethyl...	242	C15H30O2	001001-79-2	50
2			Butanoic acid, 2,3-dimethyl-, methyl ester	130	C7H14O2	030540-29-5	43
3			Pentanoic acid, 2,4-dimethyl-, methyl ester	144	C8H16O2	071672-33-8	38
4			Nonanoic acid, 2,4-dimethyl-, methyl ester	200	C12H24O2	054889-61-1	38
5			Heptanoic acid, 2,4-dimethyl-, methyl ester	172	C10H20O2	018524-86-2	38



Data Path : Z:\HPCHEM1\BNA F\DATA\BF123016\
Data File : BF092055.D
Acq On : 30 Dec 2016 19:45
Operator : UM/SJ
Sample : H6314-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GMW-03

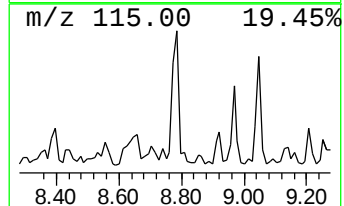
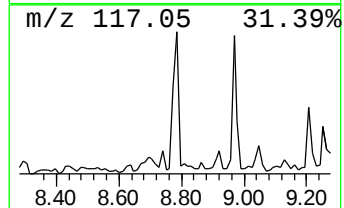
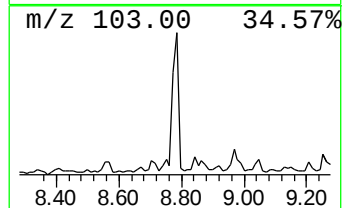
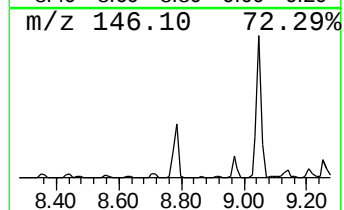
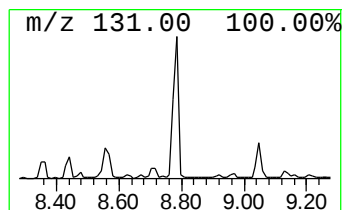
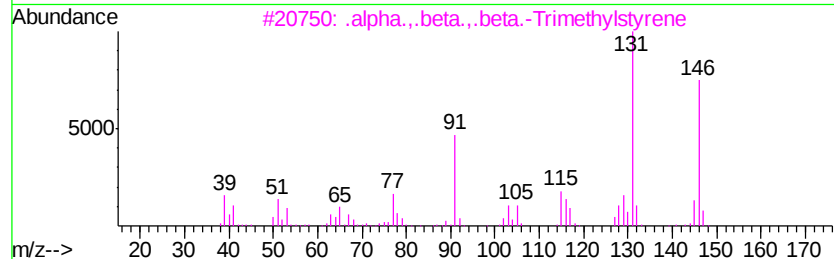
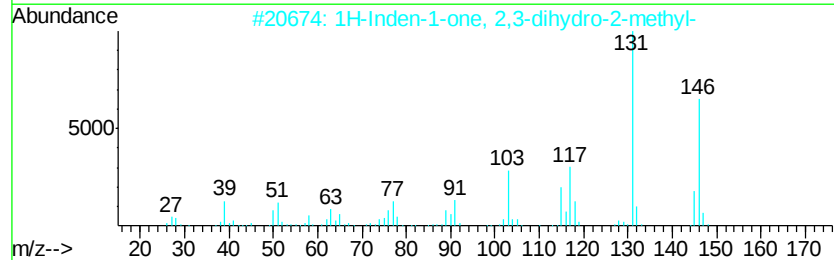
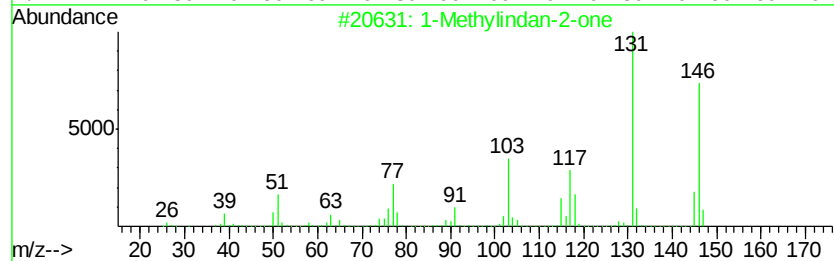
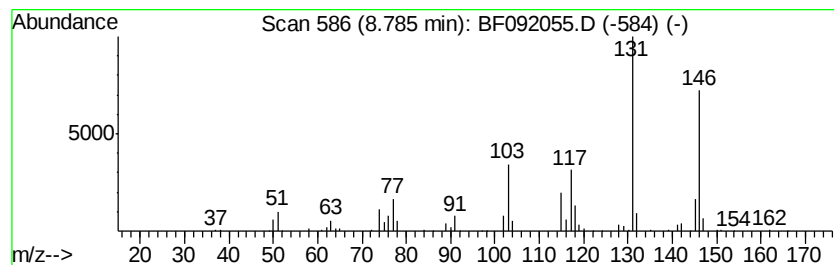
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 1-Methylindan-2-one Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.78	4.44 ng	453363	Naphthalene-d8	7.96

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Methylindan-2-one	146	C10H10O	035587-60-1	97
2			1H-Inden-1-one, 2,3-dihydro-2-me...	146	C10H10O	017496-14-9	94
3			.alpha.,.beta.,.beta.-Trimethyls...	146	C11H14	000769-57-3	72
4			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	72
5			1H-Inden-1-one, 2,3-dihydro-3-me...	146	C10H10O	006072-57-7	64



Data Path : Z:\HPCHEM1\BNA F\DATA\BF123016\
Data File : BF092055.D
Acq On : 30 Dec 2016 19:45
Operator : UM/SJ
Sample : H6314-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GMW-03

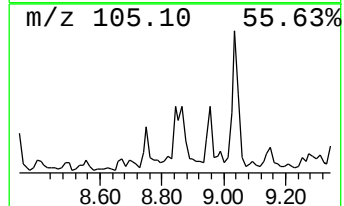
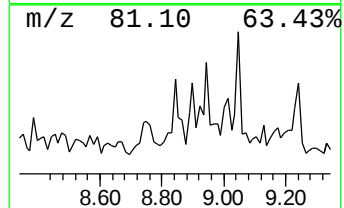
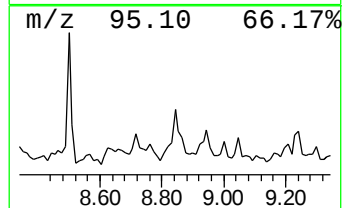
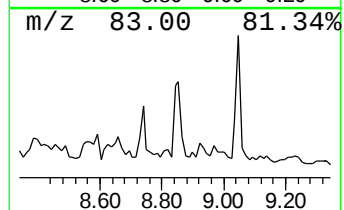
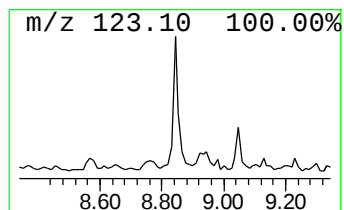
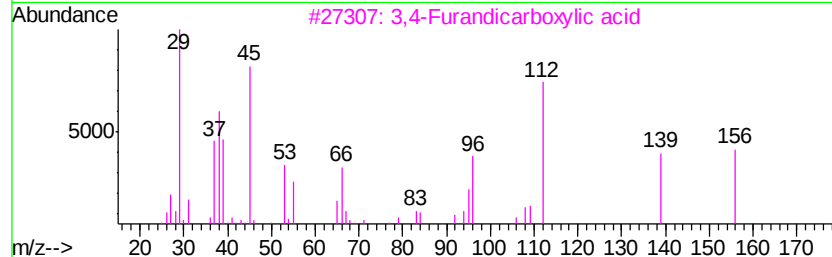
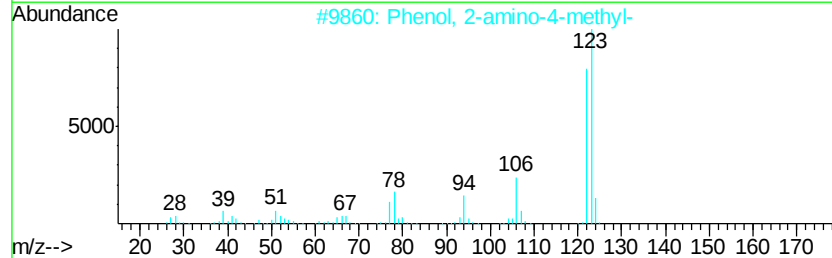
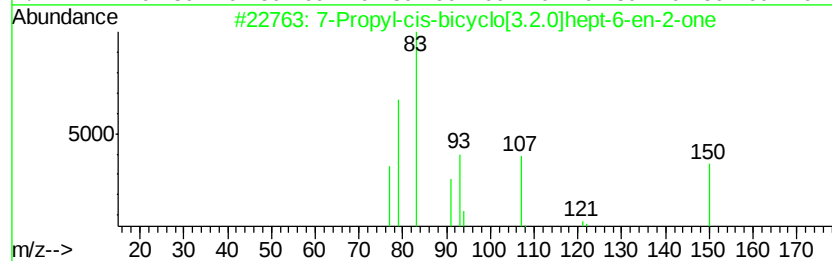
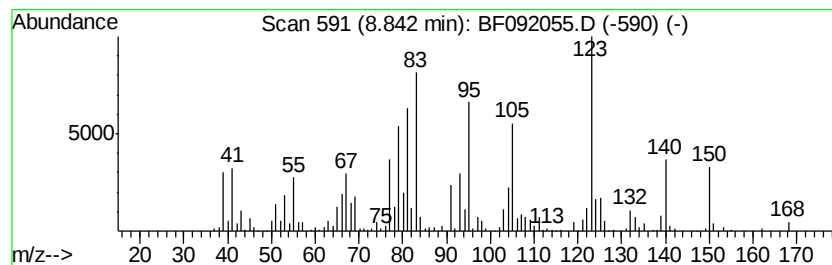
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 unknown8.84 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.84	3.88 ng	395627	Naphthalene-d8	7.96

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			7-Propyl-cis-bicyclo[3.2.0]hept-...	150	C10H14O	054396-45-1	38
2			Phenol, 2-amino-4-methyl-	123	C7H9NO	000095-84-1	27
3			3,4-Furandicarboxylic acid	156	C6H4O5	003387-26-6	25
4			1-Dodecen-3-yne	164	C12H20	074744-36-8	22
5			3,3-Dimethyl-hepta-4,5-dien-2-one	138	C9H14O	1000190-54-1	22



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF123016\
Data File : BF092055.D
Acq On : 30 Dec 2016 19:45
Operator : UM/SJ
Sample : H6314-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GMW-03

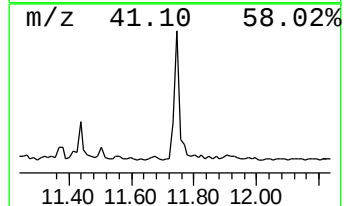
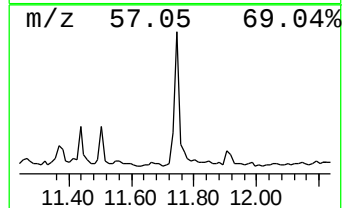
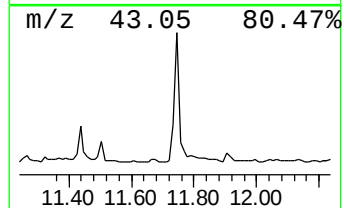
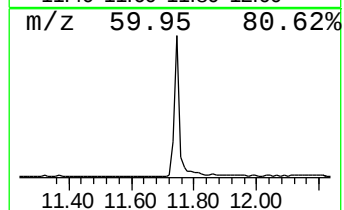
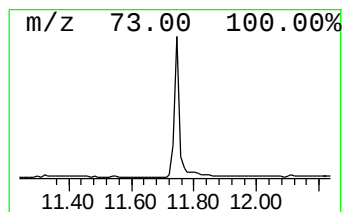
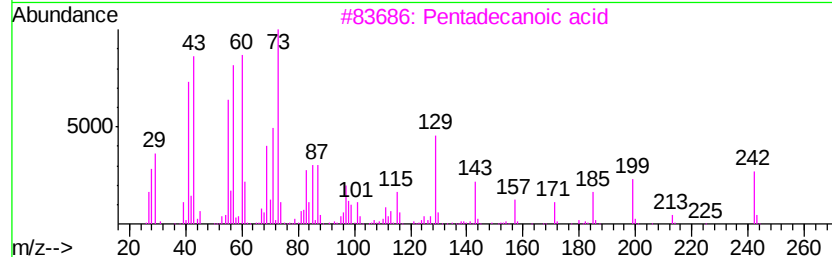
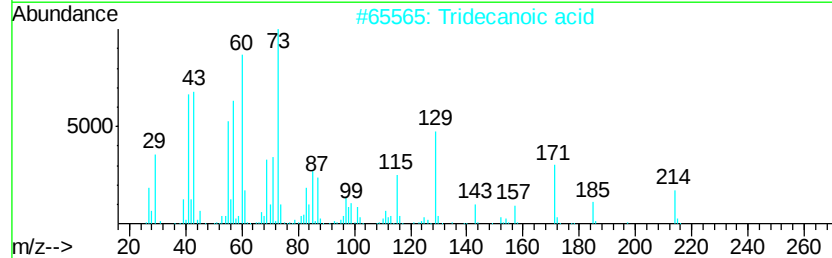
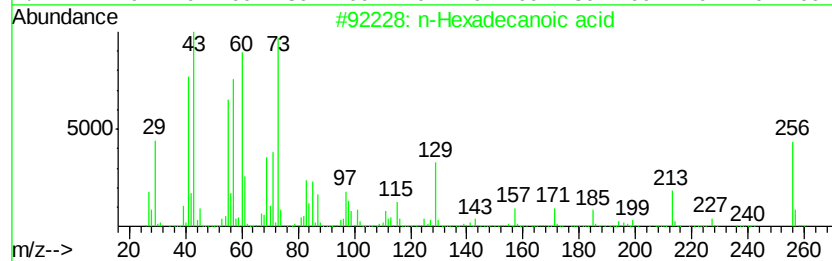
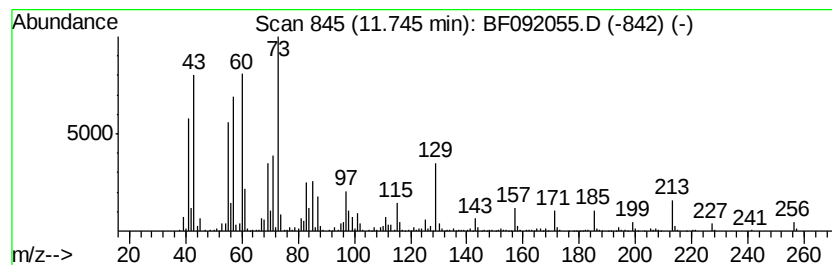
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 n-Hexadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.74	6.87 ng	806603	Phenanthrene-d10	11.20

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2			Tridecanoic acid	214	C13H26O2	000638-53-9	95
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	83
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	83
5			N-Acetylisoaxazolidine	115	C5H9NO2	115615-36-6	30



Data Path : Z:\HPCHEM1\BNA F\DATA\BF123016\
Data File : BF092055.D
Acq On : 30 Dec 2016 19:45
Operator : UM/SJ
Sample : H6314-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GMW-03

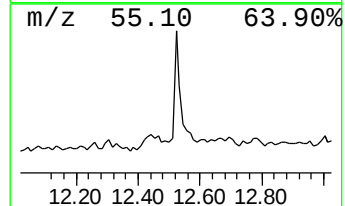
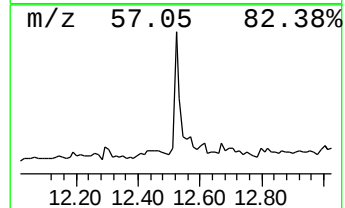
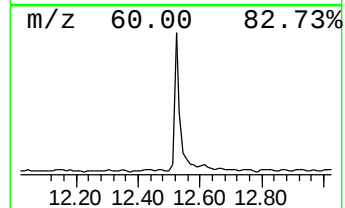
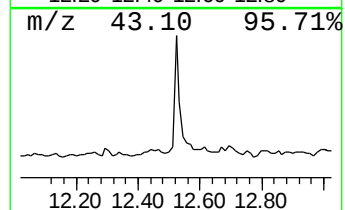
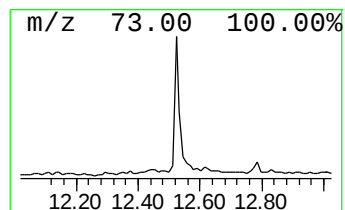
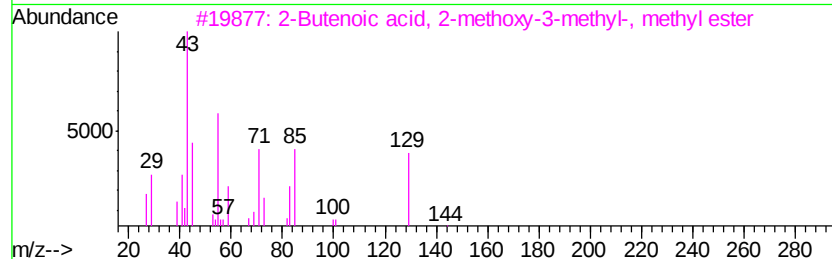
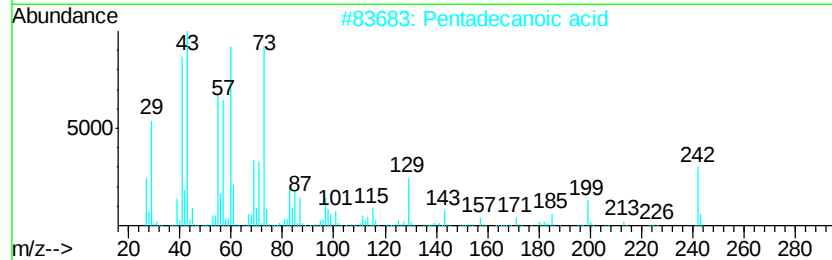
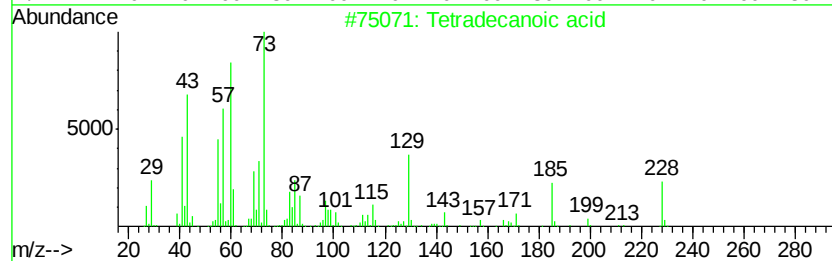
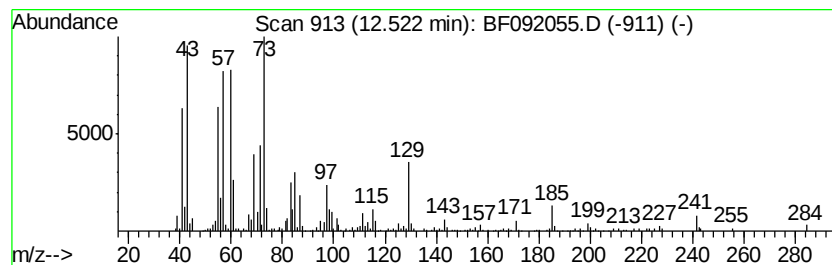
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 Tetradecanoic acid Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.52	5.56 ng	464558	Chrysene-d12	13.82

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecanoic acid	228	C14H28O2	000544-63-8	93
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3			2-Butenoic acid, 2-methoxy-3-methyl-, methyl ester	144	C7H12O3	056009-32-6	30
4			Nonadecane	268	C19H40	000629-92-5	18
5			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	15



Data Path : Z:\HPCHEM1\BNA F\DATA\BF123016\
Data File : BF092055.D
Acq On : 30 Dec 2016 19:45
Operator : UM/SJ
Sample : H6314-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GMW-03

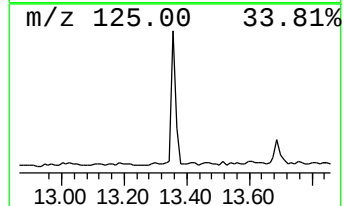
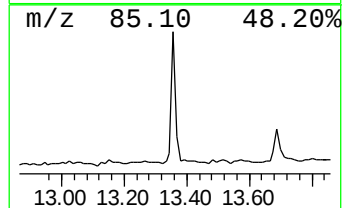
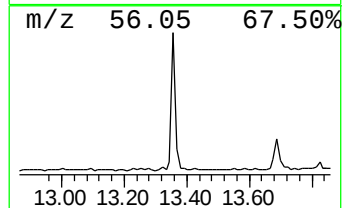
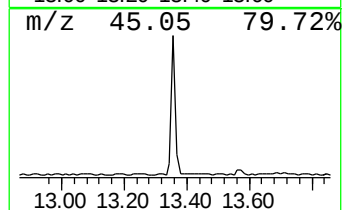
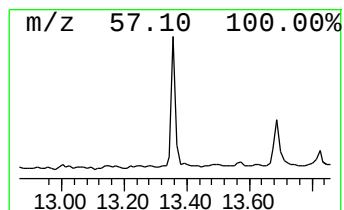
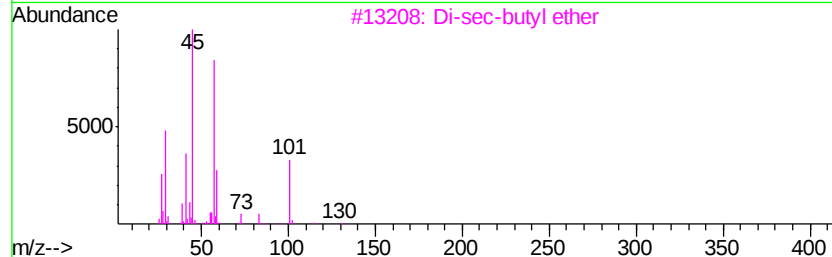
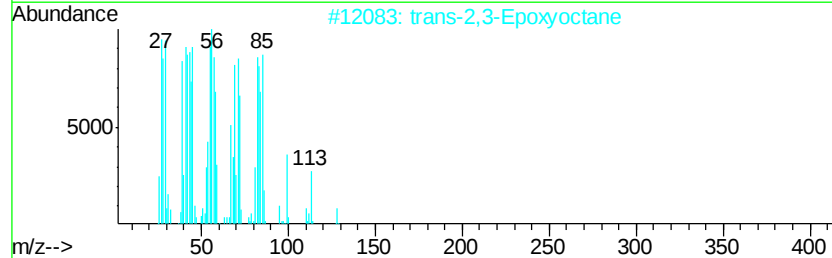
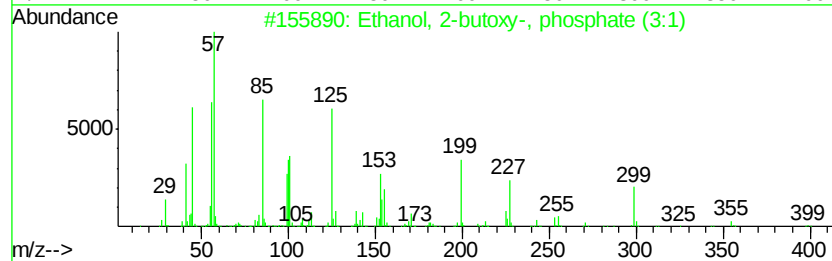
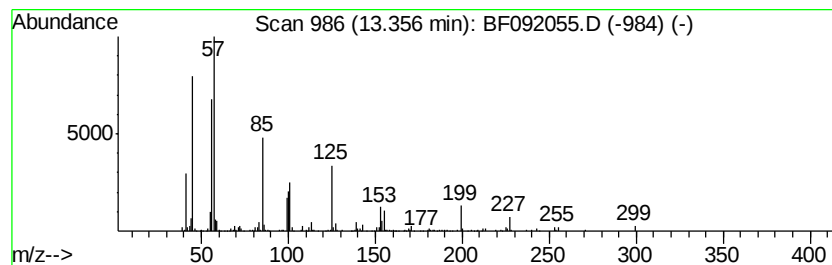
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 Ethanol, 2-butoxy-, phospho... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.36	4.21 ng	351623	Chrysene-d12	13.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethanol, 2-butoxy-, phosphate (3:1)	398	C18H39O7P	000078-51-3	91
2		trans-2,3-Epoxyoctane	128	C8H16O	028180-70-3	50
3		Di-sec-butyl ether	130	C8H18O	006863-58-7	27
4		Butane, 1,1'-[ethylidenebis(oxy)...	174	C10H22O2	000871-22-7	27
5		(1H)Pyrrole-3-carboxylic acid, 5...	199	C9H13NO4	155345-20-3	22



Data Path : Z:\HPCHEM1\BNA F\DATA\BF123016\
Data File : BF092055.D
Acq On : 30 Dec 2016 19:45
Operator : UM/SJ
Sample : H6314-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GMW-03

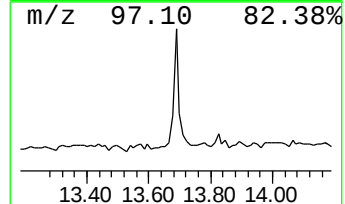
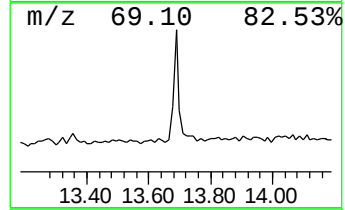
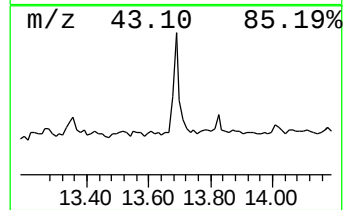
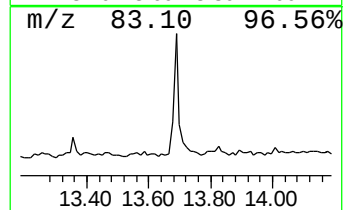
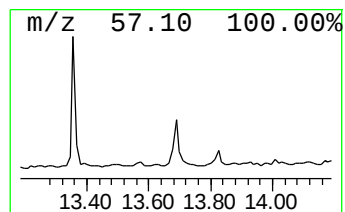
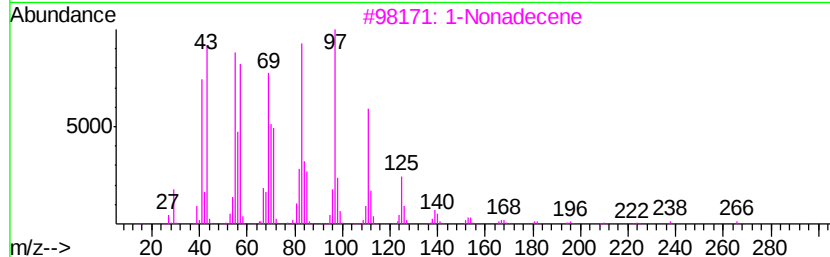
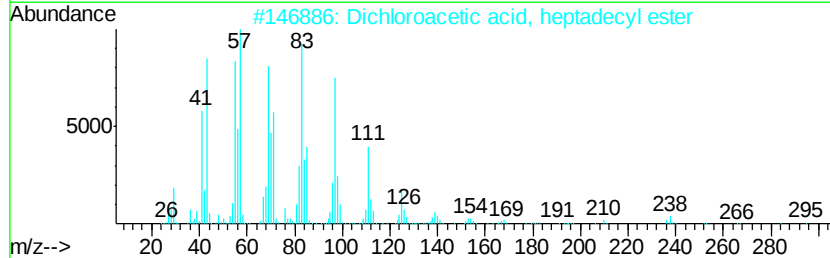
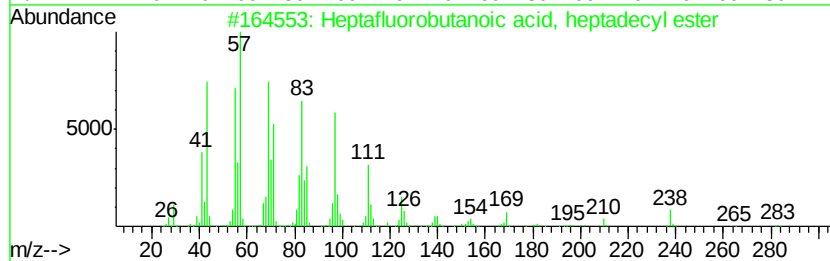
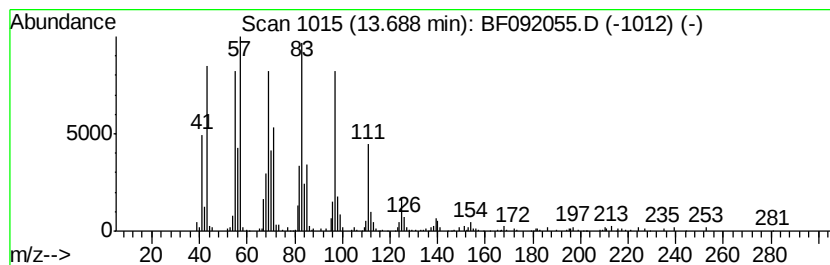
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 Heptafluorobutanoic acid, h... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.69	3.82 ng	319456	Chrysene-d12	13.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	94
2		Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	93
3		1-Nonadecene	266	C19H38	018435-45-5	91
4		Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	91
5		Bromoacetic acid, pentadecyl ester	348	C17H33BrO2	131143-01-6	81



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF123016\
 Data File : BF092055.D
 Acq On : 30 Dec 2016 19:45
 Operator : UM/SJ
 Sample : H6314-06
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GMW-03

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.82	12.3	ng	909075	1	6.68	1474720	20.0
unknown6.45	6.45	68.9	ng	5080140	1	6.68	1474720	20.0
Benzene, 1,3,5-tr...	6.74	14.1	ng	1037020	1	6.68	1474720	20.0
Indane	6.86	6.8	ng	498939	1	6.68	1474720	20.0
Benzene, 1,2-diet...	6.93	11.0	ng	808191	1	6.68	1474720	20.0
unknown7.02	7.02	23.3	ng	1720080	1	6.68	1474720	20.0
unknown7.39	7.39	64.7	ng	6598700	2	7.96	2040450	20.0
Benzene, 1,2,3,5-...	7.46	4.5	ng	458121	2	7.96	2040450	20.0
unknown7.54	7.54	4.3	ng	441950	2	7.96	2040450	20.0
Benzene, 2-etheny...	7.71	6.5	ng	658198	2	7.96	2040450	20.0
unknown8.21	8.21	6.2	ng	631889	2	7.96	2040450	20.0
unknown8.56	8.56	6.1	ng	626098	2	7.96	2040450	20.0
Undecanoic acid, ...	8.65	8.6	ng	873231	2	7.96	2040450	20.0
1-Methylindan-2-one	8.78	4.4	ng	453363	2	7.96	2040450	20.0
unknown8.84	8.84	3.9	ng	395627	2	7.96	2040450	20.0
n-Hexadecanoic acid	11.74	6.9	ng	806603	4	11.20	2346570	20.0
Tetradecanoic acid	12.52	5.6	ng	464558	5	13.82	1670550	20.0
Ethanol, 2-butoxy...	13.36	4.2	ng	351623	5	13.82	1670550	20.0
Heptafluorobutano...	13.69	3.8	ng	319456	5	13.82	1670550	20.0